

A1  
3. (Amended) The method of claim 2, wherein the abstract syntax notation is Abstract Syntax Notation One (ASN1).

A2  
6. (Amended) The method of claim 5, wherein the internet inter-object communication protocol comprises Internet Inter-Object Protocol (IIOP).

A3  
24. (Amended) The carrier medium of claim 23, wherein the abstract syntax notation is Abstract Syntax Notation One (ASN1).

A4  
29. (Amended) The carrier medium of claim 28, wherein the abstract syntax notation is Abstract Syntax Notation One (ASN1).

#### REMARKS

Claims 3, 6, 24 and 29 have been amended. Claims 1-31 remain pending in the application.

#### Information Disclosure Statement:

The Information Disclosure Statement filed on February 12, 2002 was said to have not complied with 37 C.F.R. § 1.98(a)(2), which requires a legible copy of all references. Applicant notes that the reference copies were indeed submitted with the Information Disclosure Statement. A copy of the return receipt postcard evidencing receipt of references A1-A20 is enclosed. As such, Applicants respectfully request that the Examiner consider the references list on the Form PTO-1449. If the Examiner has trouble locating the references, Applicants note that the same references were submitted in the co-pending applications listed on p. 2 of the IDS of February 12, 2002. The Examiner should be able to obtain copies of the references from any of those applications.

**Claim Objections:**

The Examiner objected to claims 3, 6, 24 and 29. These claims have been amended to address the Examiner's objections.

**Section 102(e) Rejection:**

The Office Action rejected claims 1, 5, 7-10, 13-16, 18-21, 26, 27 and 31 under 35 U.S.C. § 102(c) as being anticipated by Goldberg et al. (U.S. Patent 6,496,833) (hereinafter "Goldberg"). Applicants respectfully traverse this rejection in light of the following remarks.

The Examiner states that Goldberg discloses a method for managing a network, the method comprising a client generating a request for type information for an attribute or event, wherein the request is expressed in an interface definition language, wherein the interface definition language is operable to define object interfaces across a plurality of platforms and across a plurality of programming languages; sending the request for type information to an object request broker and a metadata gateway receiving the request for type information from the object request broker; reading the type information from a metadata repository, wherein the type information is stored in a database format in the metadata repository; translating the type information from the database format to the interface definition language; the metadata gateway sending the translated type information to the object request broker and the client receiving the translated type information for the attribute or event through the object request broker, wherein the translated type information is expressed in the interface definition language. Applicants respectfully disagree with the Examiner's characterization of Goldberg.

Goldberg teaches an object generator tool which generates interface definitions and source code which implement a database query object (Abstract). Specifically, Goldberg teaches a method wherein a query object generator generates IDL code and source code from an SQL query (col. 8, lines 5 - 52). Applicants can find no language

within Goldberg that teaches or suggests a method comprising "a client generating a request for type information for an attribute or event, wherein the request is expressed in an interface definition language," as recited in Applicants' claim 1.

Furthermore, the Examiner identifies Goldberg's query object 208 of Fig. 2 as corresponding to an object request broker, and identifies Goldberg's database management system (DBMS) 218 as corresponding to a metadata gateway. However, Goldberg discloses that "the application 202, business object 206 and query objects 208, 214 each export an API defined in Interface Definition Language and interface with each other via an associated Object Request Broker (ORB) illustrated in Fig. 5." (col. 6, line 66 – col. 7, line 3). Applicants thus respectfully submit that query object 208 is not the same as an object request broker. Nor can Applicants find any language in Goldberg that teaches or suggests that DBMS 218 is equivalent to "a metadata gateway receiving the request for type information from the object request broker."

Applicants further disagree with the Examiner's characterization of Goldberg's database 224 in Fig. 2 as a metadata repository. Applicants can find no language in Goldberg that teaches or suggests a method "wherein the type information is stored in a database format in the metadata repository."

For at least these reasons, claim 1, along with its dependent claims 2 – 9, are believed to patentably distinguish over the cited reference. Applicants remind the Examiner that for a rejection under section 102, the identical invention must be shown in as complete detail as is contained in the claims. *Richardson v. Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). Anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, arranged as in the claim. *Lindeemann Maschinenfabrik GmbH v. American Hoist & Derrick Co.*, 221 USPQ 481, 485 (Fed. Cir. 1984). Goldberg clearly does not anticipate Applicants' invention as recited in claim 1.

Independent claim 10 recites features similar to claim 1. Applicant notes that Goldberg does not disclose an object request broker, as discussed above. As such, claim 10, along with dependent claims 11 – 13, is also believed to patentably distinguish over the cited reference for at least the reasons given above in regard to claim 1.

Independent claim 14 recites features similar to claim 1. Applicant notes that Goldberg does not disclose a metadata repository as discussed above. As such, claim 14, along with dependent claims 15 – 16, is also believed to patentably distinguish over the cited reference for at least the reasons given above in regard to claim 1.

Applicants respectfully note that the Examiner has failed to explicitly reject claim 22 under 35 U.S.C. 102(e) on page 3 of the Office Action, or under 35 U.S.C. 103(a) on page 8 of the Office Action. Applicants therefore submit that the Examiner's rejection of claim 22 is improper. Applicants also assert that claim 22 is distinguishable over the cited art for at least some of the reasons stated herein.

Independent claim 27 recites features similar to claim 1. Applicant notes that Goldberg does not disclose an object request broker, as discussed above. As such, claim 27, along with dependent claims 28 – 31, is also believed to patentably distinguish over the cited reference for at least the reasons given above in regard to claim 1.

#### **Section 103(a) Rejection:**

The Office Action rejected claims 2-4, 6, 11, 12, 17, 23-25 and 28-30 under 35 U.S.C. § 103(a) as being unpatentable over Goldberg in view of Kulkarni et al. (U.S. Patent 5,848,243) (hereinafter "Kulkarni"). Applicants respectfully traverse this rejection in light of the following remarks.

The Goldberg patent is not prior art to the present application for rejections under 35 U.S.C. § 103. The American Inventors Protection Act of 1999 amended 35 U.S.C. §

103(c) to state that art which qualifies as prior art only under § 102(e), (f) or (g) is not available for rejections under § 103 if that art and the subject matter of the application under examination were owned by or subject to an obligation of assignment to the same assignee at the time the invention was made. This change to 35 U.S.C. § 103(c) is effective for any application filed on or after November 29, 1999. The present application is an application for patent filed after November 29, 1999. At the time the invention was made, the subject matter of present application and the Goldberg patent were both owned by or subject to an obligation of assignment to the same assignee, Sun Microsystems, Inc., as evidenced by the assignment for the present application recorded in the PTO at reel 010993, frame 0870. Therefore, the amendment to 35 U.S.C. § 103(c) made by the American Inventors Protection Act of 1999 applies to the present application and operates to exclude the Goldberg patent as available prior art for rejections under 35 U.S.C. § 103.

### CONCLUSION

Applicants submit the application is in condition for allowance, and notice to that effect is requested.

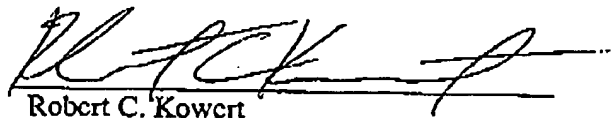
If any extension of time (under 37 C.F.R. § 1.136) is necessary to prevent the above referenced application from becoming abandoned, Applicants hereby petition for such extension. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzl, P.C. Deposit Account No. 501505/5181-46200/RCK.

Also enclosed herewith are the following items:

- ☒ Return Receipt Postcard
- ☐ Petition for Extension of Time
- ☐ Request for Approval of Drawing Changes
- ☐ Notice of Change of Address

- ☒ Marked-up Copy of Amended Claims  
☐ Marked-up Copy of Amended Paragraphs  
☐ Fee Authorization Form authorizing a deposit account debit in the amount of \$  
for fees (      ).  
☒ Other: Copy of date-stamped return receipt post card from IDS of February 12, 2002.

Respectfully submitted,



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Date: June 30, 2003

**MARKED-UP COPY OF AMENDED CLAIMS**

3. (Amended) The method of claim 2, wherein the abstract syntax notation is Abstract Syntax Notation One (ASN1).

6. (Amended) The method of claim 5, wherein the internet inter-object communication protocol comprises Internet Inter-Object Protocol (IIOP).

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Sai V. Allavarpu, Rajeev Angal, Gihan R. Karunaratne, and  
Mark B. McCall  
ASSIGNEE: Sun Microsystems, Inc.  
SERIAL NO.: 09/552,985  
FILING DATE: April 21, 2000  
TITLE: Corba Metadata Gateway to Telecommunication Management  
Network



ATTORNEY DOCKET: 5181-46200/14466

The date stamp of the mail room of the U.S. Patent and Trademark Office hereon will acknowledge receipt of the attached 1) Information Disclosure Statement w/accompanying Form PTO-1449 and references A1 - A20; 2) Copies of specifications referenced in paragraph 3; and 3) Return Postcard.

RCKldmp

Via First Class Mail

date: Jan. 23, 2002



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will acknowledge receipt of the attached 1) Response to Office Action mailed  
March 31, 2003; 2) Marked-up Copy Amended Claims; 3) Copy of date-stamped  
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